

**GOVERNMENT OF INDIA
SHIPPING
LOK SABHA**

UNSTARRED QUESTION NO:1997

ANSWERED ON:27.07.2017

Development of Waterways

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Will the Minister of SHIPPING be pleased to state:

- (a) whether the Government proposes to extend the waterways network in the country and if so, the details thereof;
- (b) whether the Government has been taking special measures/efforts to develop the rivers as waterways in the country and if so, the details thereof;
- (c) the details of funds allocated and utilized during each of the last three years and the current year for the purpose;
- (d) the model of development proposed to be adopted for these waterways along with the estimated expenditure to be incurred therein;
- (e) whether the Government proposes to connect Dohrihat, Barhaj and Ballia of eastern Uttar Pradesh with Haldia; and
- (f) if so, the details thereof along with the time-frame set for the purpose and if not, the reasons therefor?

Answer

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI PON. RADHAKRISHNAN)

- (a): A total of 111 National Waterways (NWs) including five existing NWs have been declared under the National Waterways Act, 2016. A list of the 111 NWs is at Annexure. It is not presently proposed to extend the number of NWs in the country.
- (b): Some of the major initiatives to develop the National Waterways recently are as under:
 - i) To strengthen navigation capacity and promote transportation of cargo and passengers on National Waterway-1 (NW-1), on the Haldia-Varanasi stretch of Ganga-Bhagirathi-Hooghly River System, the Jal Marg Vikas Project (JMVP) has been taken up for development with technical and investment support of the World Bank at an estimated cost of Rs.5369 crore.
 - ii) A Memorandum of Understanding (MoU) has been signed by India and Bangladesh for dredging in the Sirajganj - Daikhowa and Ashuganj-Zakiganj stretches on the Indo-Bangladesh Protocol route in Bangladesh by sharing the cost of dredging by India and Bangladesh in the ratio 80:20. The implementation of the MoU would facilitate critical connectivity between National Waterway-1 (River Ganga) and National Waterway-2 (River Brahmaputra).
 - iii) On NW-2 (River Brahmaputra), Roll on – Roll off (Ro-Ro) services between Dhubri and Hatsingimari have commenced, reducing the circuitous road route of about 220 km via Jogighopa to reach Hatsingimari.
 - iv) Construction of Slipway at Pandu (Assam) with December, 2018 as the target date of completion. This will be the first dry dock repair facility in the NE Region. Presently, the vessels plying on NW-2 need to sail to Kolkata for dry dock repairs and maintenance.
 - v) On NW-4, Phase-I development of the stretch between Muktyala to Vijayawada (82 kms) has commenced. This will provide an efficient logistics solution to boost the economic growth of the region and facilitate the development of the new capital city Amravati (during its early development stage) of Andhra Pradesh as substantial construction material is expected to be transported on this stretch of NW-4.
- (c): The budgetary resources allocated and expenditure incurred during the last three years and current year are as under:-

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(Rs. in crore)

Year Budgetary Estimates (BE) Expenditure

2014-15 267 117.21

2015-16 300 293.44

2016-17 350 + 1000 (Bonds to be raised by IWA) 517.89

2017-18 228 + 660 (Bonds to be raised by IWA) 48.75

Upto 30.06.2017

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- (d): Under the Inland Waterways Authority of India (IWA) Act, 1985, IWA has been mandated to develop NWs for the purpose of

shipping and navigation in the country. The funding for development of NWs are met from the Government's Budgetary Support (through Grants to IWA), External Budgetary Resources (EBRs) by raising bonds, Loans from World Bank and through Private Sector participation.

(e)&(f):Ballia is on the bank of river Ganga (NW-1), is already connected with Haldia. Dohrighat and Barhaj are on the bank of river Ghaghra and the stretch of this river from Faizabad to Manjhighat has been declared as National Waterway-40. A decision on development of NW- 40 would be taken after completing its technical assessment and commercial viability.

Annexure

LIST OF NATIONAL WATERWAYS

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National Waterway Number Name of National Waterways Length (Kms.) State

1. Ganga – Bhagirathi - Hooghly 1620 UP, Bihar, Jharkhand, West Bengal
2. Brahmaputra 891 Assam
3. West Coast Canal alongwithChampakara&Udyogmandal Canal 365 Kerala
4. Kakinada Puducherry Canal alongwith Godavari & Krishna rivers 2890 Tamil Nadu, Andhra Pradesh, Telanagana
5. East Coast Canal alongwithBrahmani& Mahanadi Delta 588 Odisha, West Bengal
6. Aai 71 Assam
7. Ajoy (Ajay) 96 West Bengal
8. Alappuzha- Changanassery Canal 28 Kerala
9. Alappuzha- Kottayam- Athirampuzha Canal 38 Kerala
10. Amba River 45 Maharashtra
11. Arunawati/ Aran River 98 Maharashtra
12. Asi 5.5 UP
13. AVM Canal (Kanyakumari to Kollam) 11 Tamil Nadu
14. Baitarni River 49 Odisha
15. Bakreswar/ Mayurakshi River 137 West Bengal
16. Barak 121 Assam
17. Beas 191 HP & Punjab
18. Beki 73 Assam
19. Betwa 68 UP
20. Bhavani River 94 Tamil Nadu
21. Bheema 139 Telangana Karnataka
22. Birupa/ BadiGenguti/ Brahmani River System 156 Odisha
23. BudhaBalanga 56 Odisha
24. Chambal 60 UP
25. Chapora 33 Goa
26. Chenab 53 J&K & Punjab
27. Cumberjua 17 Goa
28. Dabhol Creek/ Vasishti river 45 Maharashtra
29. Damodar 135 West Bengal
30. Dehing 114 Assam
31. Dhansiri/ Chathe 110 Assam
32. Dikhu 63 Assam
33. Doyans 61 Assam
34. DVC Canal 130 West Bengal
35. Dwarekeswar 113 West Bengal
36. Dwarka 121 West Bengal
37. Gandak 300 Bihar & UP
38. Gangadhar 62 Assam & West Bengal
39. Ganol River 49 Meghalaya
40. Ghaghra River 340 Bihar & UP
41. Ghataprabha 112 Karnataka
42. Gomti 518 UP
43. Gurupur 10 Karnataka
44. Ichamati 64 West Bengal
45. Indira Gandhi Canal 650 Haryana, Punjab & Rajasthan
46. Indus 35 J&K
47. Jalangi 131 West Bengal
48. Jawai-Luni river &Rann of Kutch 590 Rajasthan & Gujarat
49. Jhelum 110 J&K
50. Jinjiram River 43 Meghalaya & Assam
51. Kabini 23 Karnataka
52. Kali 54 Karnataka
53. Kalyan – Thane – Mumbai Waterway, Vasai creek &Ulhas river 145 Maharashtra
54. Karamnasa 86 UP & Bihar
55. Kaveri/ Kollidam river 364 Tamil Nadu
56. Kherkai 23 Jharkhand
57. Kopili River 46 Assam
58. Koshi 236 Bihar
59. Kottayam- Vaikom Canal 28 Kerala
60. Kumari 77 West Bengal

61 Kynshi River 28 Meghalaya
 62 Lohit 100 Assam
 63 Luni 327 Rajasthan
 64 Mahanadi 425 Odisha
 65 Mahananda 81 West Bengal
 66 Mahi 248 Gujarat
 67 Malaprabha 94 Karnataka
 68 Mandovi 41 Goa
 69 Manimutharu 5 Tamil Nadu
 70 Manjara 242 Maharashtra, &Telangana
 71 Mapusa/ Moide river 27 Goa
 72 Nag 60 Maharashtra
 73 Narmada 227 Gujarat
 74 Netravathi 78 Karnataka
 75 Palar 141 Tamil Nadu
 76 Panchagangavali (Panchagangoli) 23 Karnataka
 77 Pazhyar 20 Tamil Nadu
 78 Penganga/ Wardha 265 Maharashtra &Telangana
 79 Pennar 29 Andhra Pradesh
 80 Ponniyar 125 Tamil Nadu
 81 Punpun 35 Bihar
 82 Puthimari 72 Assam
 83 Rajpuri creek 31 Maharashtra
 84 Ravi 42 HP & J&K
 85 Revdanda Creek/ Kundalika river 31 Maharashtra
 86 Rupnarayan River 72 West Bengal
 87 Sabarmati 212 Gujarat
 88 Sal 14 Goa
 89 Savitri River (Bankot creek) 46 Maharashtra
 90 Sharavati River 29 Karnataka
 91 Shastri River/ Jaigad creek 52 Maharashtra
 92 Silabati 26 West Bengal
 93 Simsang River 62 Meghalaya
 94 Sone 160 Bihar
 95 Subansiri 111 Assam
 96 Subarnrekha River 314 Jharkhand, West Bengal & Odisha
 97 Sunderbans Waterway 654 West Bengal
 Bidya river West Bengal

 ChhotaKalagachi (ChhotoKalergachi) river West Bengal
 Gomar West Bengal
 Haribhanga river West Bengal
 Hogla (Hogal) – Pathankhali river West Bengal
 Kalindi (Kalandi) river West Bengal
 Katakhal river West Bengal
 Matla river West Bengal
 Muri Ganga (Baratala) river West Bengal
 Raimangal river West Bengal
 Sahibkhali (Sahebkhali) river West Bengal
 Saptamukhi river West Bengal
 Thakurran river West Bengal
 98 Sutlej 377 Punjab & HP
 99 Tamaraparani 64 Tamil Nadu
 100 Tapi 436 Maharashtra & Gujarat
 101 Tizu / Zungki Rivers 42 Nagaland
 102 Tlawng (Dhaleswari) 86 Mizoram
 103 Tons 73 UP
 104 Tungabhadra 230 Telangana, Karnataka & AP
 105 Udayavara 16 Karnataka
 106 Umngot (Dawki) River 20 Meghalaya
 107 Vaigai 45 Tamil Nadu
 108 Varuna River 53 UP
 109 Wainganga / Pranahita River 164 Maharashtra &Telangana
 110 Yamuna 1089 Haryana, UP & Delhi
 111 Zuari 50 Goa
 TOTAL 20,275

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